



AF/373828

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

#9/c
NE

Applicant : Carlyle et al.

Serial No.: 09/186,810

Filed : November 5, 1998

For : PROSTHESIS WITH ASSOCIATED
GROWTH FACTORS

Docket No.: S16.12-0052

Group Art Unit: 3738

Examiner: P. Prebilic

AMENDMENT AFTER FINAL

Box AF

Assistant Commissioner for Patents
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING
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16 DAY OF January, 2001

Usah C Goswami
PATENT AGENT

Sir:

In response to the Office Action mailed on November
14, 2000, please enter the following amendments and consider the
following remarks.

IN THE CLAIMS

Please amend claim 1 and 3 as follows:

1. (Thrice Amended) A prosthesis comprising a substrate
and a polypeptide growth factor associated with the substrate by
covalent bonding using crosslinking agents, [or noncovalent
bonding characteristic of] antibody-antigen associations, specific
binding protein-receptor associations [and] or enzyme-substrate
associations, wherein the crosslinking agents comprise at least
two aldehyde functional groups that are transformed into other
functional groups linking the crosslinking agent with the
polypeptide growth factor and the substrate, the polypeptide
growth factor being effective to stimulate association of viable
cells with the substrate.

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